

SN V16.0: Overview

June 2014



## V 16.0 Highlights

#### IIS

- New strong password policy settings to enforce that a user's password meets the required level of strength.
- Account lockout functionality that will lock a user's account after a specified number of unsuccessful sign in attempts.
- New System Requirements link added to the footer of the home page

#### **IMS**

- State, District and Region benchmark tests can now be marked as restricted which will prevent teachers from viewing the test content until the test start date.
- Schoolnet authored assessments can be exported using QTI 2.1
- American Sign language can now be set for the assessment item question and response language.
- A Lexile Type can now be set for a passage.
- A district user can now search and share approved items, with other Schoolnet user types, as a single operation.
- Answer sheets can now be generated and grouped by either alphabetical order or by section
- New configuration option to show student score upon test submission
- Updated ScanIt user interface as well as the answer sheet and image recognition logic
- Download Assessment Results
- Upload Summary Statistics (Scale Score & Grade Equivalent)
- Unsaved Data Warning on Scoring Page



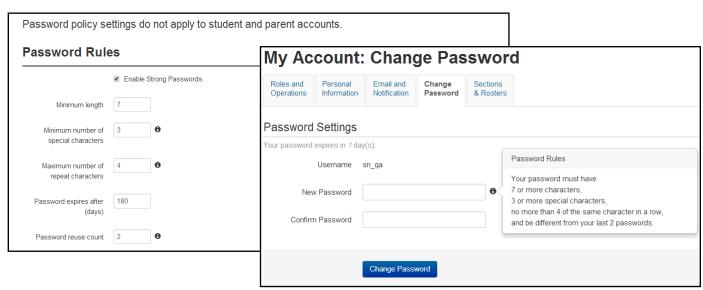
### **Instructional Improvement System**



### Strong user account password settings

- Allows system operators to configure and enforce strong password policies for their users helping to increase system security.
- The following strong password settings can be defined ensuring users password meet a basic level of strength.
  - Minimum password length [Default 8] ensures that each user's password contain a minimum specified number of characters.
  - Minimum number of special characters [Default 2] forces a user to include a minimum number of special characters (!@#\$%^&\*() +{}|";?><,,/:'[]\-='~)</li>
  - Maximum number of repeat characters [Default 3] The maximum number of times a character can be consecutively used.
  - Password age limit [Default 31 days] will force the user to reset their password after the specified number of days has past.
  - Password reuse count [default 5] will not allow a user to use their password again until a specified number of passwords have been defined.\

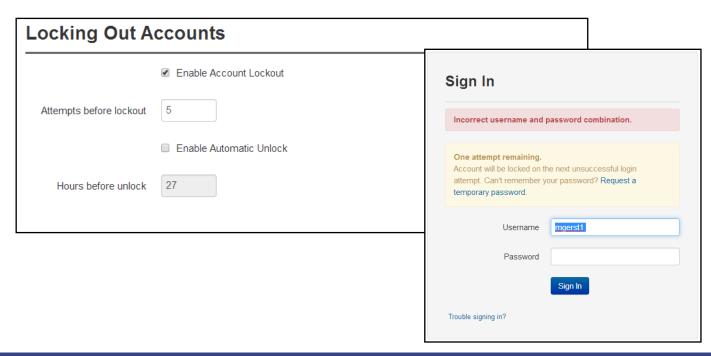
NOTE: Affects all user accounts, except for parent and student type accounts, not managed by an external authentication provider.





# Account lockout after unsuccessful sign in attempts

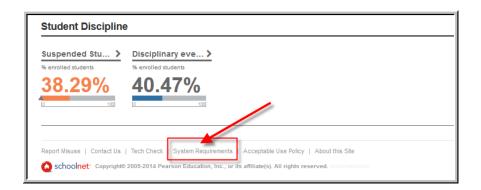
- To help alleviate user accounts from being hacked from a brute force attack, accounts will become
  locked after a specified number of unsuccessful sign in attempts. These locked accounts can either
  be unlocked via a system administrator, or if enabled, will automatically become unlocked after a
  specified amount of time.
- The account lockout functionality needs to be enabled. Once enabled the number of unsuccessful sign in attempts before lockout can be defined.
- Administrators can enable the automatic unlock functionality and then define the number of hours an accounts should remain locked.
- User Administrators can manually unlock an account through the user management section.





# System Requirements link added to the footer of our home page

- As our system requirements are constantly changing due to technology improvements, there was a need to centralize the location of where our users can access and view them
- New "System Requirements" link added to the footer for users to click on and view the latest requirements
- Easy for our Technical Writers to update





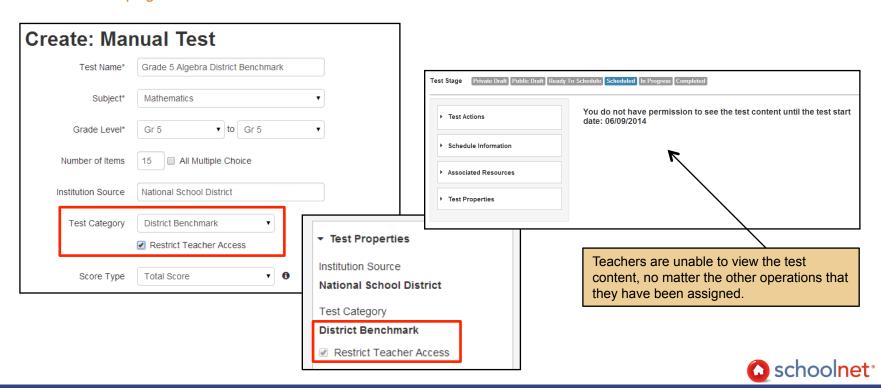


### **Instructional Management System**



#### **Benchmark Test Restriction**

- Assessment administrators can prevent teachers from viewing the contents of an assigned test prior to the test start date by using a new "Restrict Teacher Access" test setting.
- A new test property will restrict all teachers from viewing a scheduled test's item content and associated resources until the test start date.
- Test booklets and answer sheets cannot be printed until the test start date.
- Students cannot access a restricted test online before the start date, regardless of the test's online test student access settings.
- The section information and teacher name does not print on generated answer sheets or answer sheet cover pages.

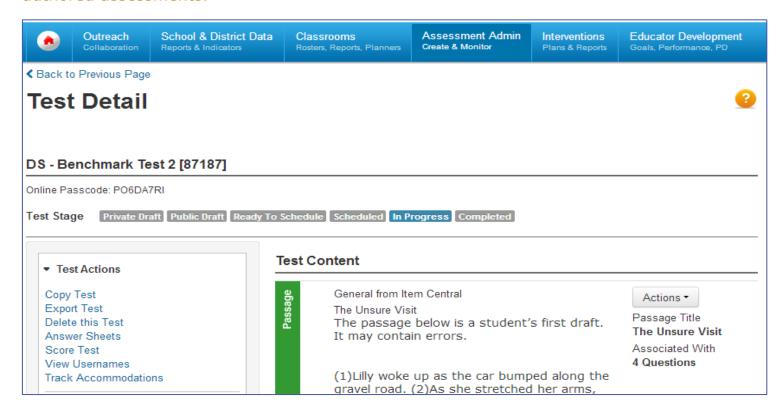


#### **Export Assessments**

This enhancement provides you with the ability to export Schoolnet authored assessments using QTI 2.1.

#### **Key features and capabilities:**

A user with the appropriate permission ("Export an item or test from Schoolnet") can export Schoolnet authored assessments.



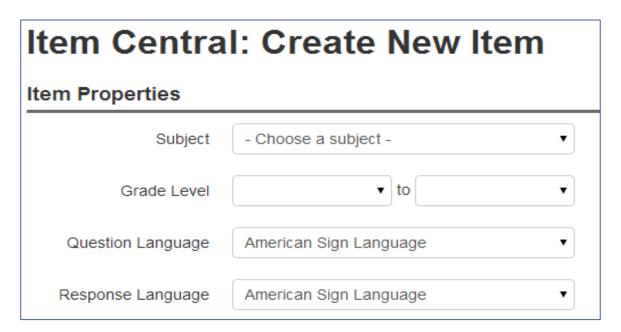


## **American Sign Language**

This enhancement provides you with the ability to set the Question Language and the Response Language for an assessment item to American Sign Language, and be able to easily search for these items. In addition, Shoolnet's QTI Import and Export has been enhanced to support American Sign Language.

#### **Key features and capabilities:**

Users can search for and create or import/export assessment items for American Sign Language.





### **Passage Lexile**

This enhancement provides you with the ability to set the Lexile Type for a passage. In addition, Schoolnet's QTI Import and Export has been enhanced to support the Lexile Type and the Lexile Code.

#### **Key features and capabilities:**

Users can search for and create or import/export passage Lexile values.

Valid Lexile Codes are between 0 and 1900

Valid Lexile Types include:

> AD: Adult Directed

> NC: Non-Conforming

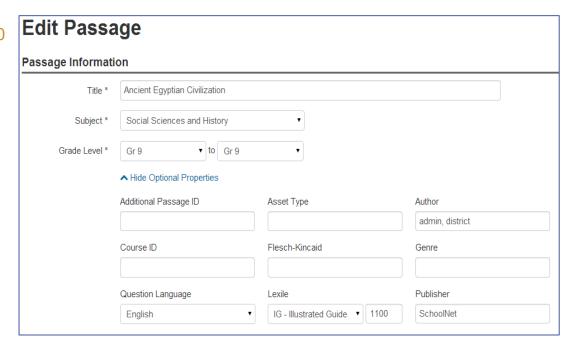
> HL: High-Low

> IG: Illustrated Guide

> GN: Graphic Novel

> BR: Beginning Reading

> NP: Non-Prose





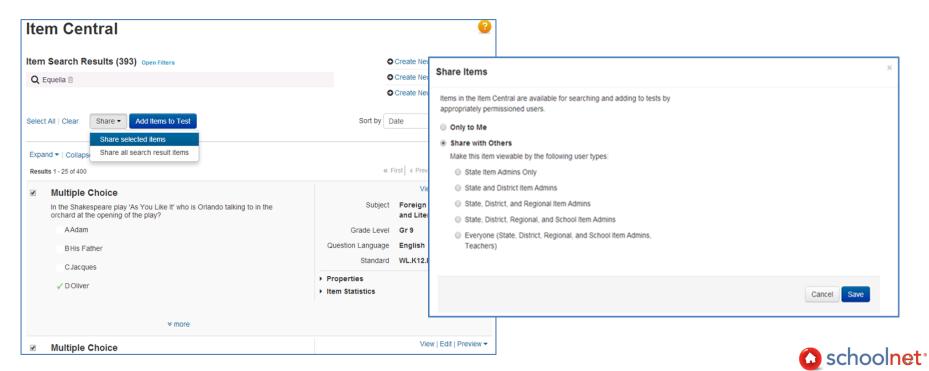
#### **Item Bulk Share**

Schoolnet has been enhanced to provide a District user with a quick way to search for and share approved items, with other Schoolnet user types, as a single operation.

#### **Key features and capabilities:**

District users are able to quickly search for items that they have permission to edit and share them with other users in a bulk way rather than one-by-one, thus enhancing the user experience.

Both items that have been previously shared as well as items that have never been shared can be selected and updated using the new bulk share operation.

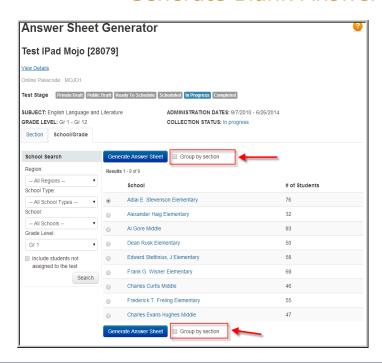


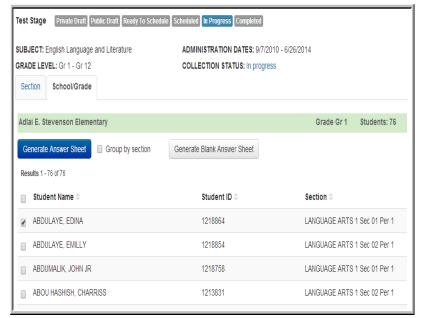
## **System Performance**

- Significant architectural improvements
  - Students submitting tests via the online test tunnel
    - Saving and submitting process was enhanced to accommodate larger number of students submitting data
    - Results might not appear instantly
    - Now being saved and processed on a first come first serve basis
  - Searching for Materials, Items and Passages
    - Performance was enhanced to reduce to the time it takes to display results to the user

#### **Answer Sheet Generator Enhancement**

- Ability to generate answer sheets and group by either alphabetical order or by section
  - On the School/Grade tab, defaults to group by alphabetical order
  - Works the same way for the school/grade view and the school view by student
    - Messaging improved
    - Generate Blank Answer Sheet link turned into button

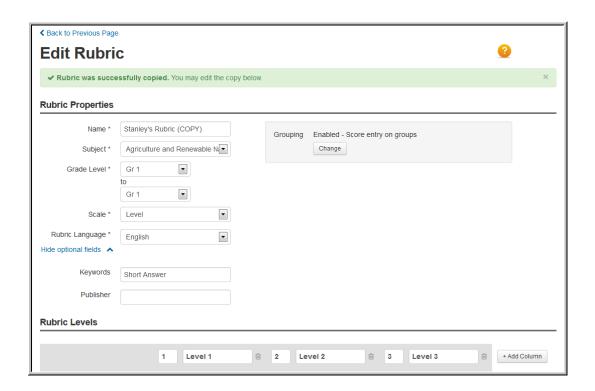






### **Copying a Rubric Enhancement**

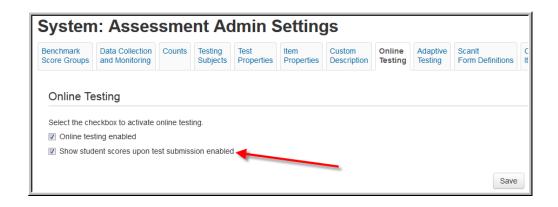
- Clicking on "Copy" in a rubric will now take the user to the "edit" page of the copied rubric
- "(Copy)" will be added to the end of the name, and the user will be able to edit the rubric, or save it as is
- If the user wants to make another copy of the original rubric, (Copy 2) will display and so on
- Success messaging added to indicate that the rubric was copied successfully

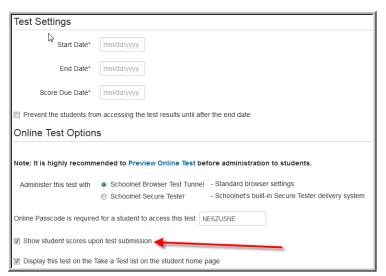




# Configuration added for showing student scores upon test submission

- Some clients don't want the results appearing for students immediately when they submit a test online because if there are open response questions, the score is not accurate
- They have to remember to uncheck the "show student scores upon test submission" option each time they schedule a test to disable it
- New top level admin configuration added to allow easy one time setting (enabled by default)
- Unchecking the checkbox on the System Online Testing page will uncheck the checkbox by default on the schedule page

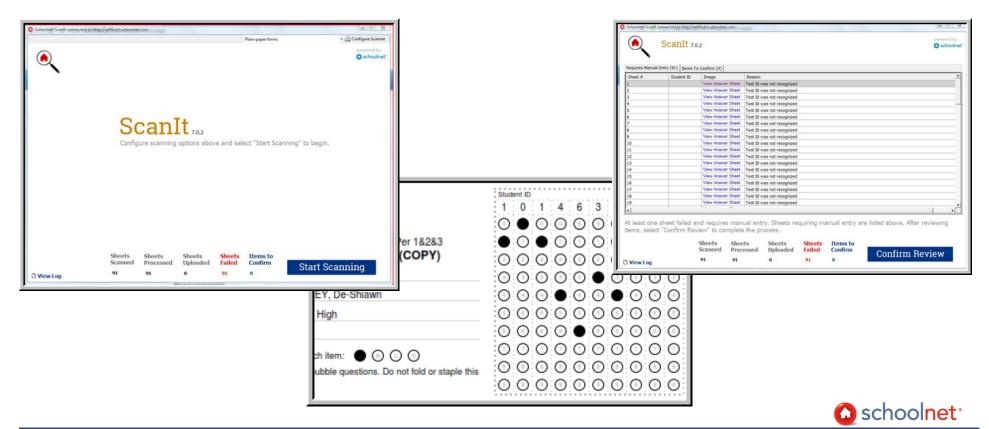






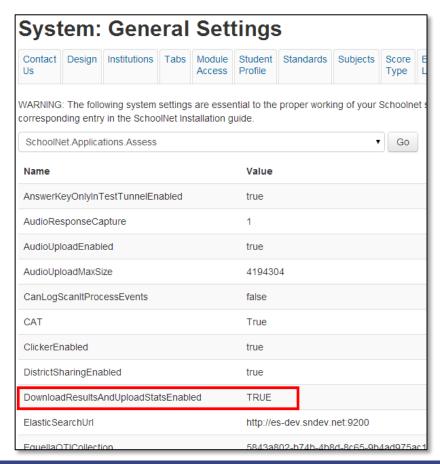
# Updated ScanIt user interface as well as the answer sheet and image recognition logic

- Interface has been simplified to improve usability (Version 7.0.2) Compatible with answer sheets created in Schoolnet 15.4
- Student ID and Barcode reading logic has been improved to reduce errors
- Student ID bubbles are now printed with black bubbles (rather than the lighter bubbles that mimic pencil parks)



#### **Download Assessment Results**

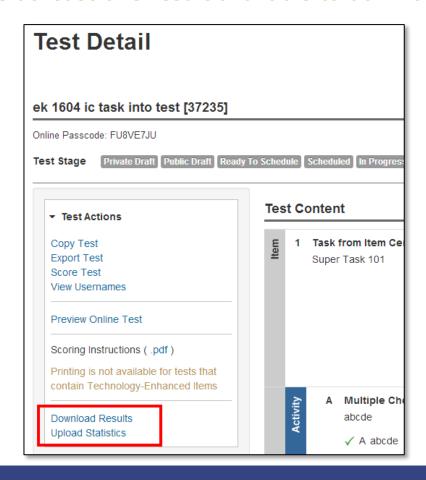
- Hosting can enable / disable the feature
  - Set System → General Settings → Config →
     Schoolnet.Applications.Assess →
     DownloadResultsAndUploadStatsEnabled to TRUE
  - Setting is FALSE by default





#### **Download Assessment Results**

- Download Results link is available on the Test Details page
  - Link will only appear if all the following criteria are true:
    - The user is a State or District System Operator
    - More than 30 students have taken the test across the system
    - There is at least one result available to download





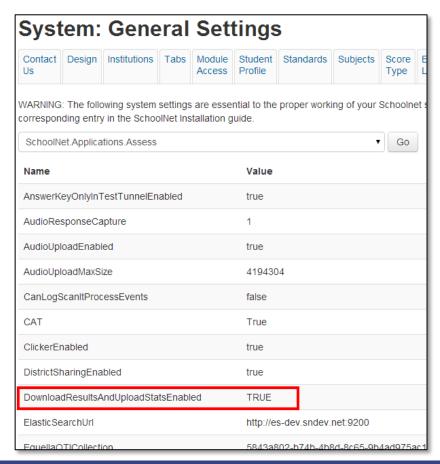
#### **Download Assessment Results**

- Download Results link is available on the Test Details page
  - Results downloaded are specific to user context
    - A State user can download all results in the State
    - A District user can only download the results for his/her District
  - Downloaded file is UTF-8 CSV file and supports special characters
    - A known bug in Excel prevents special characters from being displayed if file is opened in Excel. To display special characters, file must be imported to Excel.

	Α	В	С	D	Е	F	G	Н	1	J	K	L
1	StudentId	TestId	PointsAchi	PointsPoss	DateStudentCompl	StudentFir	StudentLa	Student	TestName	TestSubjec	TestStartG	TestEndGr
2	1125422	37235	15	41	5/22/2014 19:41	Alexuss	Baharum	Gr 3	ek 1604 ic	English Lar	Gr 1	Gr 12
3	1215815	37235	1	41	5/22/2014 19:41	Laleisha	Braaten	Gr 3	ek 1604 ic	English Lar	Gr 1	Gr 12
4	1088935	37235	2	41	5/22/2014 19:42	Eric	Braham	Gr 3	ek 1604 ic	<b>English Lar</b>	Gr 1	Gr 12
5	527871	37235	6	41	5/22/2014 19:43	Deja	Alfman	Gr 9	ek 1604 ic	English Lar	Gr 1	Gr 12
6	1076156	37235	3	41	5/22/2014 19:43	Menaleza	Ayana	Gr 9	ek 1604 ic	English Lar	Gr 1	Gr 12
7	532165	37235	4	41	5/22/2014 19:44	Michael	Bamfo	Gr 9	ek 1604 ic	<b>English Lar</b>	Gr 1	Gr 12
8	531958	37235	5	41	5/22/2014 19:44	Kimberly	Basanez	Gr 9	ek 1604 ic	English Lar	Gr 1	Gr 12
9	1006385	37235	5	41	5/22/2014 19:45	KENDIA R	Basiliadis	Gr 9	ek 1604 ic	English Lar	Gr 1	Gr 12
10	1228096	37235	8	41	5/22/2014 19:47	Leonard	Akler	Gr 1	ek 1604 ic	English Lar	Gr 1	Gr 12
11	1219312	37235	9	41	5/22/2014 19:48	Timeea	Auyeung	Gr 1	ek 1604 ic	English Lar	Gr 1	Gr 12
12	1224962	37235	9	41	5/22/2014 19:49	Bethany	BACAK	Gr 1	ek 1604 ic	English Lar	Gr 1	Gr 12
13	1218008	37235	3	41	5/22/2014 19:50	Bethany	Bohner	Gr 1	ek 1604 ic	English Lar	Gr 1	Gr 12
14	1216214	37235	9	41	5/22/2014 19:50	Tasha	Bracy	Gr 1	ek 1604 ic	English Lar	Gr 1	Gr 12
15	529764	37235	9	41	5/22/2014 20:04	Daizhon	Centolella	Gr 9	ek 1604 ic	English Lar	Gr 1	Gr 12

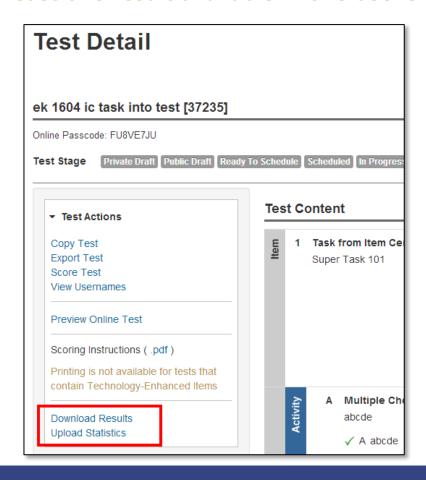


- Hosting can enable / disable the feature
  - Set System → General Settings → Config →
     Schoolnet.Applications.Assess →
     DownloadResultsAndUploadStatsEnabled to TRUE
  - Setting is FALSE by default





- Upload Statistics link is available on the Test Details page if the following criteria are all true:
  - The user is a State or District System Operator
  - More than 30 students have taken the test across the system
  - There is at least one result available in this user's context

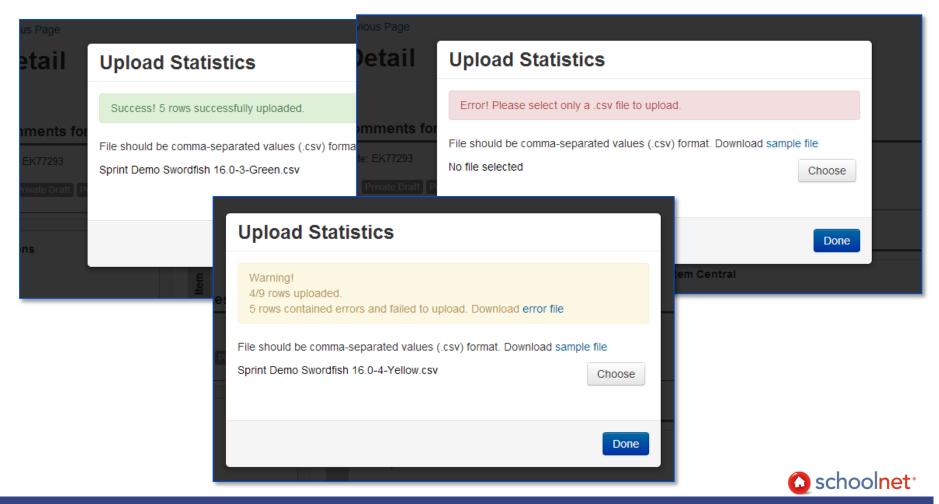




- Sample file can be downloaded and used as a template, and contains:
  - Student ID
  - Test ID
  - Scale Score
    - Transformation of raw scores
    - Provides means to directly compare groups of examinees:
      - Who took the same assessment but on different dates
      - Who took totally different assessments
  - Grade Equivalent
    - A number (expressed in grade "dot" months) describing a student's location on an achievement continuum
      - If a student gets a score of 4.2 on a Reading Test, it implies that the student reads at a level of a student entering into their 2<sup>nd</sup> month of 4<sup>th</sup> grade.

	Α	В	С	D	Е	
1	StudentId	TestId	ScaleScore	GradeEquivalen		
2	1051283	86864	4232	5.5		
3	1051287	86864	-2922	1.7		
4	1051289	86864	920	3.2		
_						

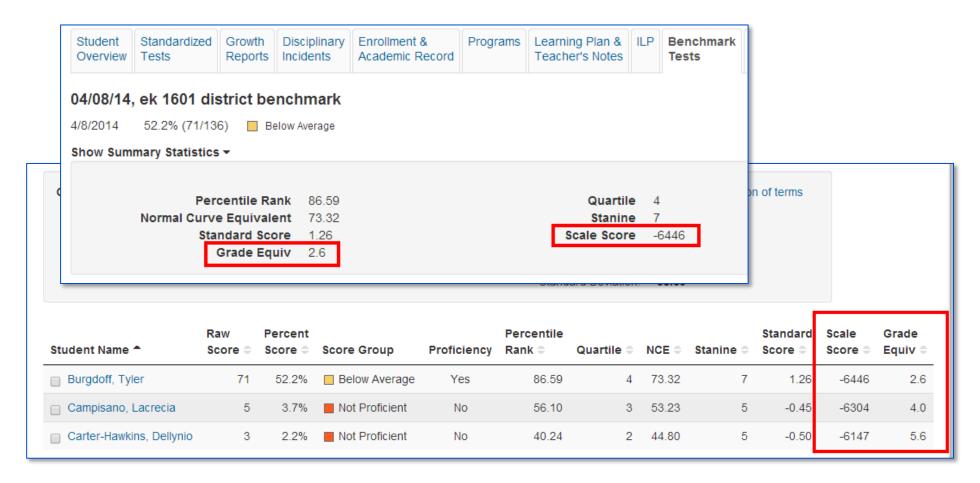
- A message appears if the upload was completely unsuccessful or completely successful
- An error file can be downloaded if the upload was PARTIALLY successful



- An error file can be downloaded if the upload was PARTIALLY successful
  - Contains a copy of the data that was not successfully uploaded
  - Contains specific error message(s) and error location(s)
  - Can be edited and then re-uploaded
    - Only the problems can be corrected instead of re-uploading the entire (and much larger) original file
- Blanks are acceptable and mean "delete this value"

	Α	В	С	D	Е	F	G	Н	I	J	K		
1	StudentId	TestId	ScaleScore	GradeEqui	ErrorLocation	ErrorDescription							
2	527871	37235	-10000	-5.6	Error on line 2	Invalid GradeEquivalent: Value is not between 0.0 and 10.9. / In							
3	532165	37235	a2534	3.4	Error on line 4	Invalid ScaleScore: Expecting a number.							
4	1137180	37210	9200	6	Error on line 8	Invalid StudentId: StudentId not in district. / Invalid TestId: Test							
5	1137180	37235	6		Error on line 9	Invalid Stu	dentId: Stu	dentId not	in district.				
6	1141569	37235	1000	4.5	Error on line 10	Invalid Stu	dentId: Stu	dentId not	in district.				

- Uploaded Summary Statistics can be viewed:
  - Classrooms → Student Performance → Summary Statistics
  - Student Profile → Benchmark Tests



#### **IMS Minor Enhancements**

- To remove the ambiguity that users experienced while reading a temporary password or test passcode, the generators have been updated to no longer include the letters "I", "I" and "O" and the numbers "1" and "0".
- The "Cancel" button was added to the "Create Manual Test" page when a test is copied
- On the Score page, answers for matching items can now be selected by clicking a button (like with multiple choice) rather than selecting an answer choice from a dropdown list.
- The placement of the button to add passages to a test items has been moved to match its location on Create/Edit Open Response item page
- Teachers without additional Assessment Admin rights can choose to co-author a created item upon save
- To prevent scorers from losing their work while scoring a test on the teacher scoring page, the marker will now be asked for confirmation before they are allowed to navigate away from the page when Schoolnet detects that test scores were added or changed.
- 'Standards Mapping' feature has been removed until it can be updated for use with current browser versions

